

- (c) washing the culture; and
- (d) detecting an amount of marker compound present in the at least one bile canaliculus in the culture to evaluate uptake and excretion competition between the candidate compound and the marker compound, the presence or the absence of a reduced amount of the marker compound as compared to the pre-selected amount of marker compound indicating the susceptibility of the candidate compound to biliary excretion by an endogenous sinusoidal or canalicular transport system, or by both sinusoidal and canalicular transport systems.